

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Inventor(s): Lichtenhan et al.

Appl. No.: 09

747,762

Series Code ↑

Serial No. ↑

Filed: December 21, 2000

Commissioner of Patents

Washington, D.C. 20231

Sir:

**PRELIMINARY AMENDMENT**

Group Art Unit

Unassigned

Examiner:

Unknown

Atty. Dkt. P

0282003

M#

Client Ref

Appl. Title: POLYHEDRAL OLIGOMERIC-SILSESQUOXANES, -SILICATES AND -SILOXANES BEARING RING-STRAINED OLEFINIC FUNCTIONALITIES

Date: October 1, 2001

This is a Preliminary Amendment in the above-identified application and includes the herewith attachment of same date and subject which is incorporated herewith by reference and the signature below is treated as the signature to the attachment in absence of a signature thereto.

**FEE REQUIREMENTS FOR CLAIMS AS AMENDED**

## 1. Small Entity claim

- A. ☐ NOT made  
B. ☐ Withdrawn  
C. ☐ made herewith  
D. ☒ made previously

For B & C  
See **Required  
Separate Paper**  
(Pat-256)

Claims remaining after amendment	Highest number previously paid for	Present Extra	Large/Small Entity	Additional Fee	Fee Code Lg/Sm
2. Total Effective Claims	24	**minus 20	4	x \$18/\$9 = + \$90	103/203
3. Independent Claims	4	***minus 8	0	x \$84/\$42 = + \$0	102/202
4. If amendment enters proper multiple dependent claim(s) into this application for first time (leave blank if this is a reissue application) ..... add					104/204
5. Original due Date: <input checked="" type="checkbox"/> NONE					
6. Petition is hereby made to extend the original due date to cover the date this response is filed for which the requisite fee is attached (Usable only for ≤ 2mo.OA --- 4 mos) (Usable only for 30 day/1mo.OA --- 5 mos)					
7. Enter any previous extension fee paid since above original due date and subtract					- \$0
8. Extension Fee Attached					+ \$0
9. If Terminal Disclaimer attached, add Rule 20(d) official fee					+ \$110/\$55
10. If IDS attached requires Official Fee under Rule 97 (c), ..... add					+ \$130
or if Rule 97(d) Request ..... add					+ \$180
11. After-Final Request Fee per rules 129(a) and 17(r)					+ \$740/370
12. No. of additional inventions for examination per Rule 129(b)					x \$740/370 ea
13. Request for Continued Examination (RCE)					+ \$740/370
14. Petition fee for					+ \$0
15. TOTAL FEE ENCLOSED =					\$36

16. \*If the entry in this space is less than entry in next space, the "Present Extra" result is "0".

17. \*\*If the "Highest number previously paid for" in this space is less than 20, write "20" in this space.

18. \*\*\*If the "Highest number previously paid for" in this space is less than 3, write "3" in this space.

Our Deposit Account No. 03-3975)

(Our Order No. 038559 0282003

C#

M#

**CHARGE STATEMENT:** The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT **does not authorize** charge of the issue fee until/unless an issue fee transmittal sheet is filed.

50 Fremont Street

Pillsbury Winthrop LLP  
Intellectual Property Group

By Atty: Karry W. Wang

Reg. No. Limited Recognition  
Under 337 CFR  
\$10.9(b)

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

LICHTENHAN, et al.

Appln. No. 09/747,762

Filed: December 21, 2000

For: POLYHEDRAL OLIGOMERIC-  
SILSESQUIOXANES,  
-SILICATES AND -SILOXANES  
BEARING RING-STRAINED  
OLEFINIC FUNCTIONALITIES



Group Art Unit: Unassigned

Examiner: Unknown

PRELIMINARY AMENDMENT

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PRELIMINARY AMENDMENT

BOX NON-FEE AMENDMENT

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination, kindly amend the above-identified application as follows.

10/18/2001 HVUONG1 00000043 033975 09747762

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IN THE CLAIMS

Please cancel claims 1-8, and add new claims 9-32 as follows:

9. A process of making a first composition selected from the group consisting of silane, siloxane, silsesquioxane, POSS, silicate, and POS each bearing at least one strained ring olefin, wherein the member is a monomeric, a polymer, or a oligomer, the process comprising:

contacting a second composition selected from the group consisting of silane, siloxane, silsesquioxane, POSS, silicate, and POS with effective amounts of the strained ring olefin in a solution in the presence of effective amounts of a catalyst which promotes

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